

ABSTRACT

5 The present invention is a method and system of
marking data media products by introducing a
predetermined tracing substance constituting a security
marking into a polycarbonate (or polystyrene)
composition during the manufacturing stages of the
polycarbonate material into a data media, such as a
compact disc (CD) or digital versatile disc (DVD).
10 This marking technique is useful in tracking pirated
data and/or sources, such as CDs or DVDs, to thereby
prevent future pirating of data. Using mass spectro-
metry, specific types and/or quantities of isotopes of
each tracing substance, on a structural level, are used
to indicate a specific marking and product identity
15 characteristics, such as a specific lot number, batch
number, manufacturer identity, shipping date and the
like. The security marking is preferably invisible to
the naked eye. The security marking technique is also
useful for tracking, authenticating and quality control
20 purposes.

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